

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP02/00397

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ F02F1/24, 7/00, F02M61/14, 55/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ F02F1/24, 7/00, F02M61/14, 55/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2002
Kokai Jitsuyo Shinan Koho 1971-2002 Jitsuyo Shinan Toroku Koho 1996-2002

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 4-109471 U (Hino Motors, Ltd.), 22 September, 1992 (22.09.92), Figs. 1 to 3 (Family: none)	1, 2
X A	JP 10-9092 A (Nissan Motor Co., Ltd.), 13 January, 1998 (13.01.98), Figs. 1 to 10 (Family: none)	3, 4 5
X A	JP 6-43262 U (Yanmar Diesel Engine Co., Ltd.), 07 June, 1994 (07.06.94), Fig. 1 (Family: none)	6 7
X A	JP 6-43261 U (Yanmar Diesel Engine Co., Ltd.), 07 June, 1994 (07.06.94), Fig. 1 (Family: none)	6 7

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
12 April, 2002 (12.04.02)

Date of mailing of the international search report
30 April, 2002 (30.04.02)

Name and mailing address of the ISA/
Japanese Patent Office
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